

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): An information processing apparatus having an interface for connection with networks, the information processing apparatus comprising:
managing means for managing settings for connectable networks as profiles on a network by network basis;

detecting means for detecting a first phase connection to a detected network when said information processing apparatus is moved into a location covered by said detected network;

determination means for determining whether the managing means manages a managed profile corresponding to the detected network when the detecting means has detected the first phase connection to the detected network; and

establishing means for automatically establishing a second phase connection to the detected network based on the managed profile if the determination means determines that the managing means manages the managed profile corresponding to the detected network, said establishing means including a switcher configured to switch access to the detected network ~~from the first connection to~~ using the first phase connection and the second phase connection when a predetermined condition is determined to exist, and said switcher includes an icon display mechanism configured to produce an icon on a display that notifies a user that the switcher is an active process.

Claim 2 (Currently Amended): The information processing apparatus according to claim 1, wherein the detecting means detects the first phase connection to the detected network by determining whether or not a routing table is modified.

Claim 3 (Currently Amended): The information processing apparatus according to claim 1,

wherein the detecting means detects, as the first phase connection, a connection to a detected gateway that manages a network,

wherein the determination means determines whether the managing means manages a profile relating to the detected gateway, and

wherein the establishing means establishes the second phase connection to the detected gateway in accordance with the managed profile relating to the detected gateway.

Claim 4 (Currently Amended): The information processing apparatus according to claim 1, further comprising:

counter means for counting up by one when the detecting means detects the first phase connection to the detected network, and

zero determination means that determines whether a subtracting of one from the count of the counter means makes zero when the detecting means detects the first phase connection to the detected network,

wherein the zero determination means determines whether the managing means manages the managed profile relating to the detected network detected by the detecting means when the zero determination means determines that subtracting of one from the count of the counter means makes zero,

wherein the establishing means establishes the second phase connection to the detected network in accordance with the managed profile relating to the detected network while the zero determination means determines that the subtracting of one from the count of the counter means makes zero.

Claim 5 (Previously Presented): The information processing apparatus according to claim 1,

wherein, using at least one of an SSID, an MAC address, an IP address, and a connection name provided by the user, the determination means determines whether the managing means manages the managed profile, relating to the detected network detected by the detecting means.

Claim 6 (Currently Amended): The information processing apparatus according to claim 1,

wherein if the interface of the detected network is one of a wired LAN interface and a wireless LAN interface, the first phase connection is a connection to a gateway that manages the detected network, and the second phase connection is a connection to another apparatus through the gateway, and

wherein if the interface of the detected network is a modem, the first phase connection is a connection to an ISP, and the second phase connection is a connection to another apparatus through the ISP.

Claim 7 (Currently Amended): The information processing apparatus according to claim 1, further comprising starter means which automatically starts a predetermined software application set by a user when the second phase connection to the network is established by the establishing means.

Claim 8 (Currently Amended): An information processing method for an information processing apparatus having an interface for connection with networks, the information processing method comprising:

a managing step for managing settings for connectable networks as profiles on a network by network basis;

a detecting step for detecting a first phase connection to a detected network when said information processing apparatus is moved into a location covered by said detected network;

a determination step for determining whether a managed profile corresponding to the detected network is managed in the managing step when the first phase connection to the detected network has been detected in the detecting step; and

an establishing step for automatically establishing a second phase connection to the detected network based on the managed profile if the determination step determines that the managed profile corresponding to the detected network is managed in the managing step, said establishing step including activation of a switcher configured to switch access to the detected network from the first phase connection to the second phase connection when a predetermined condition is determined to exist, and said switcher includes an icon display mechanism configured to produce an icon on a display that notifies a user that the switcher is an active process.

Claim 9 (Currently Amended): A computer program product having computer readable instructions that when executed on a computer controls an information processing apparatus having an interface for connection with networks, and performs steps comprising:

a managing step for managing settings for connectable networks as profiles on a network by network basis;

a detecting step for detecting a first phase connection to a detected network when said information processing apparatus is moved into a location covered by said detected network;

a determination step for determining whether a managed profile corresponding to the detected network is managed in the managing step when the first phase connection to the network has been detected in the detecting step; and

an establishing step for automatically establishing a second phase connection to the detected network based on the managed profile if the determination step determines that the managed profile corresponding to the detected network is managed in the managing step, said establishing step including activation of a switcher configured to switch access to the detected network from the first phase connection to the second phase connection when a predetermined condition is determined to exist, and said switcher includes an icon display mechanism configured to produce an icon on a display that notifies a user that the switcher is an active process.

Claim 10 (Currently Amended): The information processing apparatus according to claim 3,

wherein said detecting means detects, as said first phase connection, plural connections to plural gateways, and

said establishing means automatically establishes said second phase connection to the gateway which has a lowest value of a metric of the managed profile.

Claim 11 (Currently Amended): An information processing apparatus having an interface for connection with networks, the information processing apparatus comprising:

a managing mechanism configured to manage settings for connectable networks as profiles on a network-by-network basis;

a detector configured to detect a first phase connection to a detected network when
said information processing apparatus is moved into a location covered by said detected
network;

a determination mechanism configured to determine whether the managing
mechanism manages a managed profile corresponding to the detected network when the
detector detects the first phase connection to the detected network; and

a connector configured to automatically establish a second phase connection to the
detected network based on the managed profile if the determination mechanism determines
that the managing mechanism manages the managed profile corresponding to the detected
network, said connector including a switcher configured to switch access to the detected
network from the first phase connection to the second phase connection when a
predetermined condition is determined to exist, and said switcher includes an icon display
mechanism configured to produce an icon on a display that notifies a user that the switcher is
an active process.